

### **In the Specification**

Please replace paragraph [0019] with the following replacement paragraph:

[0019] **Fig. 1** shows the sequence and genomic organization of TREK2. **Fig. 1A** shows the amino acid alignment of TREK2 [SEQ ID NO: 2], TREK1 [SEQ ID NO: 18] and TRAAK [SEQ ID NO: 19] channels. Relative positions of introns are indicated by arrows. M1 to M4 membrane-spanning segments and P1 and P2 pore-domains are indicated. The star shows the point of divergence between the TREK2 channel sequences from rat and human. **Fig. 1B** shows the sequences at the boundaries by exon-intron. Exonic sequence is in upper case. The sizes of introns is indicated. **Fig. 1C** show a dendrogram of K 2P channels cloned in human established with ClustalW and Treeview.